



# Newsleak

South Carolina DHEC's Drinking Water Newsletter

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SC DHEC • Bureau of Water

## Up-and-Coming Regulation Stage 2 Disinfection By-product Rule

By Jason Hall, DHEC Drinking Water Compliance

The Stage 2 Disinfection By-product Rule (DBPR) will apply to all community water systems (Type-C) and nontransient noncommunity water systems (Type-N) that add disinfectant or deliver water that has been treated with a disinfectant. Stage 2 DBPR will modify the requirements of the current regulation by changing the way by-products are monitored and the way compliance is calculated.

### Monitoring Locations

The Stage 2 monitoring locations will be determined by water systems through an Initial Distribution System Evaluation (IDSE). IDSEs are intended to identify the locations that have the highest disinfection by-product concentrations. These locations will then be used as sampling sites for compliance monitoring.

### IDSE Requirements

Requirements for the IDSE (and Stage 2 DBPR compliance monitoring) differ by system size.

Monitoring requirements for the Stage 2 DBPR depend on the population of the *combined distribution system* of everyone interconnected. The following definitions should clarify:

### Combined Distribution System

An interconnected distribution system consisting of the distribution systems of *wholesale systems* and of the *consecutive systems* that receive finished water from those *wholesale systems*.

### Consecutive System

A public water system that buys or otherwise receives some or all of its finished water from one or more *wholesale systems* for at least 60 days per year.

### Wholesale System

A public water system that treats source water and then sells or otherwise delivers finished water to another public water system for at least 60 days per year. Delivery may be through a direct connection or through the distribution system of another *consecutive system*.



## Need Help Writing Your CCR?

◆ The Environmental Protection Agency (EPA) has software called CCRWriter that you can use to write your CCR Report.

◆ South Carolina Rural Water Association (SCRWA) has a link to a CCR template on its Web site.

Links to EPA and SCRWA's materials can be found at [www.scdhec.gov/water/html/dwcompmo.html#consumer](http://www.scdhec.gov/water/html/dwcompmo.html#consumer).

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South Carolina Department of Health  
and Environmental Control

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[robertck@dhec.sc.gov](mailto:robertck@dhec.sc.gov)  
(803) 898-3542

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## Permit Application Fee Costs

Over the last few years, the authority for drinking water construction permit application fees has been in budget provisos. However, this regulation change (amendment to R.61-30) has finally made it through the legislative approval process. Therefore, the fees are the same, but the basis is now the fee regulation and not the year-by-year budget process. The fees for drinking water construction permits are listed below.

### (i) Distribution systems and related components

1. 1,000 feet or less of line..... \$150
2. 1,001 feet to 9,999 feet ..... \$400
3. 10,000 feet or greater ..... \$600
4. Distribution storage/pump station ..... \$600

### (ii) Supply/Treatment from Groundwater Sources

1. Well systems (test well)..... \$500
2. Well systems, (follow-up, including well head piping, storage) ..... \$500
3. Well systems (one step) ..... \$1,000
4. Treatment systems (except for chemical feed systems)..... \$500
5. Chemical feed systems..... \$250
6. Small water system permits..... \$250

### (iii) Supply/Treatment from Surface Water Sources

1. New treatment plants..... \$2,000
2. Expansions of existing facilities \$1,500
3. Modifications or addition of components ..... \$1,000
4. Plant storage, pumping and piping facilities ..... \$500
5. Chemical feed systems..... \$250

### (iv) Drinking Water Dispensing Stations/Bottled Water Plants (using distribution water) .....

- ..... \$500

### (v) General Permit (which may include Delegated Review Program Approval)

1. Application for permit (not a renewal) ..... \$1,000
2. Delegated review permit..... \$75

### (vi) Permit extensions..... \$50

## The SRF Program - Getting Started

By Tom McDonough, SRF Section

The Drinking Water State Revolving Fund (DWSRF) Program was established by the Safe Drinking Water Act (SWDA) to provide low-interest-rate financing for establishing or upgrading water systems to address public health needs and/or comply with the SWDA. In South Carolina, the SRF programs (for Drinking Water and Wastewater) are managed by DHEC, with financial administration by the S.C. Budget and Control Board (BCB).

### Who Qualifies?

Generally, public water systems owned by counties, municipalities, commissioners of public works, and special purpose districts qualify to apply for SRF project loans.

### What's the Interest Rate?

The standard interest rate for a Drinking Water SRF loan for Fiscal Year 2005 is 3 percent. Lower rates are available to water systems with special size or hardship qualifications.

### Getting on the Priority List

What is the first step in the SRF process for a qualified system interested in applying for an SRF loan for a drinking water project? Step One is to contact DHEC to get the project placed on the SRF priority list. To do this, a representative of the system will need to complete an SRF Project Questionnaire (PQ). This form may be downloaded from the SRF web site at <http://www.scdhec.net/water/forms/d-3463.pdf>, or you may send for a PQ by telephoning the SRF Section in Columbia. Call (803) 898-4038 or any of the other SRF Section telephone numbers given in this article.

### Discussion Meeting

Once the project qualifies with the appropriate priority, an SRF Section Project Manager will be assigned to the project and will contact the system to set up a discussion of the permitting and loan application requirements. This is normally done in a face-to-face meeting among representatives of the system, its consulting engineer, the SRF Section and the BCB.

### Other Requirements

Subsequent steps in the SRF process may involve a Preliminary Engineering Report (PER), a public-notice process, construction permitting, bidding and award, and certain federal requirements.

### More Information

For more comprehensive information on these and other steps in the process, visit DHEC's SRF web site at [www.scdhec.gov/water/html/srf.html](http://www.scdhec.gov/water/html/srf.html).



### Contacts

David Price, Section Manager  
803-898-3993

George Bryan, Project Manager  
803-898-4260

Valerie Ray, Project Manager  
803-898-4158

Sheila Watts, Project Manager  
803-898-4171

Bridget Clarke, Project Manager  
803-898-4195

Budget & Control Board  
803-737-3808

# It's All About You!

We want to make sure we are providing useful information in the best format to meet your needs. So, help us make the newsletter what you need it to be by completing and returning this survey today! Survey participants will be included in a random drawing to give away a free Champions of the Environment T-shirt and a complimentary "Waterboy" pen to one winner.

*Please Circle Your Answer to the Questions Based on the Following Scale*

**1=strongly disagree / 2=moderately disagree  
3=undecided / 4=moderately agree / 5=strongly agree**



1. The newsletter contains important topics relevant to my work as a drinking water system operator or owner.  
1                      2                      3                      4                      5
2. The newsletter has helped me understand regulatory requirements related to my job.  
1                      2                      3                      4                      5
3. I can remember a specific instance where the newsletter helped me meet a regulatory requirement related to my job.  
1                      2                      3                      4                      5
4. I consider the newsletter to be an important method of communication between myself and DHEC.  
1                      2                      3                      4                      5
5. I am agreeable to receiving the newsletter in electronic format with an option to subscribe in or out at my discretion.  
1                      2                      3                      4                      5
6. The information in the newsletter is a repeat of information I already receive from another source such as a professional association newsletter or a drinking water Web site.  
1                      2                      3                      4                      5
7. The newsletter is no longer needed.  
1                      2                      3                      4                      5
8. I would prefer to have one or two topics covered in-depth in each newsletter.  
1                      2                      3                      4                      5
9. I would prefer to have a variety of topics covered in each newsletter.  
1                      2                      3                      4                      5
10. Please list any specific topics you would like to see covered in the newsletter.  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
11. What do you believe is the most important purpose of the *Newsleak* newsletter?  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
12. How often do you think the newsletter should be published (circle one)?  
4 times a year      3 times a year      2 times a year      Monthly
13. How many people does your water system serve (circle one)?  
0- 25      26-10,000      greater than 10,000
14. Do you save issues of the Newsleak?  
Yes                      No
15. Are you interested in submitting an article for possible use in the Newsletter?  
Yes                      No
16. Please print your e-mail or telephone # below if you would like to be included in the drawing or would like to contribute an article to *Newsleak*.  
\_\_\_\_\_

***Postage is paid on all returned surveys.  
Just fold and tape shut, then mail.***

***Thank you for your participation!***

## Consumer Confidence Awards

The South Carolina Department of Health and Environmental Control is now accepting nominations for the Consumer Confidence Award Program.

The program is intended to recognize outstanding Consumer Confidence Awards within the Region 4 Environmental Protection Agency.

### *Awards are available in the following population categories:*

- ◆ Small Ground Water System (serving less than 3,300)
- ◆ Small Surface Water System (serving less than 3,300)
- ◆ Medium Ground Water System (serving 3,300 to 10,000)
- ◆ Medium Surface Water System (serving 3,300 to 10,000)

◆ Large Ground Water System (serving greater than 10,000)

◆ Large Surface Water System (serving greater than 10,000)

SCDHEC welcomes water systems to enter into the competition to be South Carolina's nominees in the above categories. Water systems that won an award or competed in the program as South Carolina's representative last year are not eligible to compete this year. To be considered as South Carolina's nominee in a category, the nomination package must be returned to SC DHEC by August 15, 2005.

If you would like a nomination package or more information about the award program, contact Frank Dukes at (803) 898-3988 or e-mail [dukeswf@dhec.sc.gov](mailto:dukeswf@dhec.sc.gov).

## *Don't Forget*

*We need your help to guide the future of the "Newsleak" newsletter. Don't forget to fill out the survey on page 3. Just fold this page, tape and return. It's that easy.*

*We look forward to hearing from you!*



ATTN CAROL ROBERTS  
DHEC BUREAU OF WATER  
2600 BULL ST  
COLUMBIA SC 29201-9714

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## Stage 2 Disinfection By-product Rule

Continued from page 1

The Stage 2 DBPR provides special clarification on the sharing of responsibilities between *consecutive systems* (or master meter systems) and the *wholesale systems* that supply them. Consecutive systems will have to submit their IDSE report *at the same time* as the largest system in their *combined distribution system*, regardless of the *consecutive systems* population.

### Schedule for Report Submittal

The schedule for submitting reports to the State depends on system size and buying and selling relationships with other systems as follows:

- Large systems (serving at least 10,000 people) or systems with a large system in their *combined distribution system* must submit their report two years after rule promulgation (approx 2008).

- All other systems must submit their report four years after rule promulgation (approx 2010).

### Training

DHEC will develop training sessions on the Stage 2 DBPR. EPA and DHEC will provide the training sessions. DHEC will hold workshops on new regulations this fall at several locations around the state. Look for meeting dates in this publication and on our Web site.

### EPA Guidance Manual

To help water systems and regulatory agencies understand the added provisions for Initial Distribution System Evaluations (IDSEs) under the Stage 2 Disinfectant and Disinfection By-products Rule (Stage 2 DBPR), EPA has developed a draft Distribution System Evaluation Guidance Manual that can be accessed at [www.epa.gov/safewater/stage2/](http://www.epa.gov/safewater/stage2/).

## SRF Funds Available

The State Revolving Fund (SRF) provides low-interest, long-term loans to communities for construction of drinking water and wastewater treatment and transmission facilities. Money is available in both the Drinking Water and Clean Water (wastewater) SRF programs. A share of these funds may await your drinking water or wastewater project. For more information, call (803) 898-4038, or visit [www.scdhec.gov/water/html/srf.html](http://www.scdhec.gov/water/html/srf.html).



## Enforcement Division Report

From January 1–March 31, 2005, the Enforcement Division issued one Consent Agreement, 34 Consent Orders, one Administrative Order and one Emergency Order. The Water Enforcement Division assessed approximately \$225,578 in penalties during the first quarter of 2005.

More information about enforcement activities within DHEC can be found at

[www.scdhec.gov/eqcladmin/html/eqcmain.html#Enforcement](http://www.scdhec.gov/eqcladmin/html/eqcmain.html#Enforcement).

## Enforcement Actions January 1–March 31, 2005

	*(CA)	(CO)	(AO)	(EO)
Agricultural Facilities			1	
Capacity Use				
Dams and Reservoirs				
Drinking Water		11		1
Groundwater				
NPDES		4		
Pollution Control Act		9		
Recreational Waters				
Residential Wells				
Stormwater & Sediment Control	1	10		

\*Consent Agreement/Consent Order/Administrative Order/Emergency Order

# Bureau of Water Telephone Numbers

**Main Telephone Number**  
(803) 898-4300

**Main Fax Number**  
(803) 898-4215

## EQC District Offices

<b>APPALACHIA I</b> .....	<b>(864) 260-5569</b>
Anderson, Oconee	
<b>APPALACHIA II</b> .....	<b>(864) 241-1090</b>
Greenville, Pickens	
<b>APPALACHIA III</b> .....	<b>(864) 596-3800</b>
Spartanburg, Cherokee, Union	
<b>CATAWBA</b> .....	<b>(803) 285-7461</b>
Lancaster, Chester, York	
<b>CENTRAL MIDLANDS</b> .....	<b>(803) 896-0620</b>
Richland, Lexington, Newberry, Fairfield	
<b>EDISTO SAVANNAH</b> .....	<b>(803) 641-7670</b>
Aiken, Orangeburg, Barnwell, Bamberg, Allendale, Calhoun	
<b>LOWCOUNTRY</b> .....	<b>(843) 846-1030</b>
Beaufort, Jasper, Colleton, Hampton	
<b>PEE DEE</b> .....	<b>(843) 661-4825</b>
Florence, Dillon, Marion, Marlboro, Darlington, Chesterfield	
<b>TRIDENT</b> .....	<b>(843) 740-1590</b>
Charleston, Berkeley, Dorchester	
<b>UPPER SAVANNAH</b> .....	<b>(864) 223-0333</b>
Greenwood, Abbeville, Laurens, Saluda, Edgefield, McCormick	
<b>WACCAMAW</b> .....	<b>(843) 448-1902</b>
Horry, Georgetown, Williamsburg	
<b>WATEREE</b> .....	<b>(803) 778-1531</b>
Sumter, Kershaw, Lee, Clarendon	

## For Information Call . . .

### Lead & Copper

Leslie Owens (803) 898-4149

### Bacteriological Monitoring Program

Idris Liban (803) 898-3573

### THM and SWTR compliance

Vivianne Vejdani (803) 898-4156

### Radiological compliance

Patrick Metts (803) 898-3794

### IOC, VOC, and SOC compliance

Wendi Smith (803) 898-3572

### State Safe Drinking Water Act Fees

Susan Alder (803) 898-3554

### Backflow Prevention and Cross Connection Control

John Watkins (803) 898-3567

### Permitting of sources and treatment

Shawn Clarke (803) 898-3544

### Permitting of water distribution lines

Wayne Stokes (803) 898-4159

### Status of permit applications

Patty Barnes (803) 898-3550

### Disinfectants/Disinfection By-product Rule

Richard Welch (803) 898-3546

SC DHEC Bureau of Water  
2600 Bull Street  
Columbia, SC 29201  
(803) 898-3542  
[www.scdhec.gov/water](http://www.scdhec.gov/water)

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